

| Lat. | Long. | Alt. | Time | Obs. | Calc. | Diff. |
|------|----------|------|-------|------|-------|-------|
| 38° | 121° 17' | 1000 | 10:00 | 1000 | 1000 | 0 |
| 38° | 121° 17' | 1000 | 10:05 | 1005 | 1005 | 0 |
| 38° | 121° 17' | 1000 | 10:10 | 1010 | 1010 | 0 |
| 38° | 121° 17' | 1000 | 10:15 | 1015 | 1015 | 0 |
| 38° | 121° 17' | 1000 | 10:20 | 1020 | 1020 | 0 |
| 38° | 121° 17' | 1000 | 10:25 | 1025 | 1025 | 0 |
| 38° | 121° 17' | 1000 | 10:30 | 1030 | 1030 | 0 |
| 38° | 121° 17' | 1000 | 10:35 | 1035 | 1035 | 0 |
| 38° | 121° 17' | 1000 | 10:40 | 1040 | 1040 | 0 |
| 38° | 121° 17' | 1000 | 10:45 | 1045 | 1045 | 0 |
| 38° | 121° 17' | 1000 | 10:50 | 1050 | 1050 | 0 |
| 38° | 121° 17' | 1000 | 10:55 | 1055 | 1055 | 0 |
| 38° | 121° 17' | 1000 | 11:00 | 1100 | 1100 | 0 |
| 38° | 121° 17' | 1000 | 11:05 | 1105 | 1105 | 0 |
| 38° | 121° 17' | 1000 | 11:10 | 1110 | 1110 | 0 |
| 38° | 121° 17' | 1000 | 11:15 | 1115 | 1115 | 0 |
| 38° | 121° 17' | 1000 | 11:20 | 1120 | 1120 | 0 |
| 38° | 121° 17' | 1000 | 11:25 | 1125 | 1125 | 0 |
| 38° | 121° 17' | 1000 | 11:30 | 1130 | 1130 | 0 |
| 38° | 121° 17' | 1000 | 11:35 | 1135 | 1135 | 0 |
| 38° | 121° 17' | 1000 | 11:40 | 1140 | 1140 | 0 |
| 38° | 121° 17' | 1000 | 11:45 | 1145 | 1145 | 0 |
| 38° | 121° 17' | 1000 | 11:50 | 1150 | 1150 | 0 |
| 38° | 121° 17' | 1000 | 11:55 | 1155 | 1155 | 0 |
| 38° | 121° 17' | 1000 | 12:00 | 1200 | 1200 | 0 |
| 38° | 121° 17' | 1000 | 12:05 | 1205 | 1205 | 0 |
| 38° | 121° 17' | 1000 | 12:10 | 1210 | 1210 | 0 |
| 38° | 121° 17' | 1000 | 12:15 | 1215 | 1215 | 0 |
| 38° | 121° 17' | 1000 | 12:20 | 1220 | 1220 | 0 |
| 38° | 121° 17' | 1000 | 12:25 | 1225 | 1225 | 0 |
| 38° | 121° 17' | 1000 | 12:30 | 1230 | 1230 | 0 |
| 38° | 121° 17' | 1000 | 12:35 | 1235 | 1235 | 0 |
| 38° | 121° 17' | 1000 | 12:40 | 1240 | 1240 | 0 |
| 38° | 121° 17' | 1000 | 12:45 | 1245 | 1245 | 0 |
| 38° | 121° 17' | 1000 | 12:50 | 1250 | 1250 | 0 |
| 38° | 121° 17' | 1000 | 12:55 | 1255 | 1255 | 0 |
| 38° | 121° 17' | 1000 | 13:00 | 1300 | 1300 | 0 |
| 38° | 121° 17' | 1000 | 13:05 | 1305 | 1305 | 0 |
| 38° | 121° 17' | 1000 | 13:10 | 1310 | 1310 | 0 |
| 38° | 121° 17' | 1000 | 13:15 | 1315 | 1315 | 0 |
| 38° | 121° 17' | 1000 | 13:20 | 1320 | 1320 | 0 |
| 38° | 121° 17' | 1000 | 13:25 | 1325 | 1325 | 0 |
| 38° | 121° 17' | 1000 | 13:30 | 1330 | 1330 | 0 |
| 38° | 121° 17' | 1000 | 13:35 | 1335 | 1335 | 0 |
| 38° | 121° 17' | 1000 | 13:40 | 1340 | 1340 | 0 |
| 38° | 121° 17' | 1000 | 13:45 | 1345 | 1345 | 0 |
| 38° | 121° 17' | 1000 | 13:50 | 1350 | 1350 | 0 |
| 38° | 121° 17' | 1000 | 13:55 | 1355 | 1355 | 0 |
| 38° | 121° 17' | 1000 | 14:00 | 1400 | 1400 | 0 |
| 38° | 121° 17' | 1000 | 14:05 | 1405 | 1405 | 0 |
| 38° | 121° 17' | 1000 | 14:10 | 1410 | 1410 | 0 |
| 38° | 121° 17' | 1000 | 14:15 | 1415 | 1415 | 0 |
| 38° | 121° 1 | | | | | |

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below:

Prior Foreign Application(s)

Priority Claimed

204464/92 Japan 07/07/92
(Number) (Country) (Month/Day/Year Filed) Yes

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months Prior To The Filing Date of This Application:

Country Application No. Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/193,058 05/03/94 pending
(Application Serial No.) (Filing Date) (Status-patented,
pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

RAYMOND C. STEWART (Reg. No. 21,066) TERRELL C. BIRCH (Reg. No. 19,382)
JOSEPH A. KOLASCH (Reg. No. 22,463) ANTHONY L. BIRCH (Reg. No. 26,122)
JAMES M. SLATTERY (Reg. No. 28,380) BERNARD L. SWEENEY (Reg. No. 24,448)
DONALD C. KOLASCH (Reg. No. 23,038) MICHAEL K. MUTTER (Reg. No. 29,680)
CHARLES GORENSTEIN (Reg. No. 29,271) GERALD M. MURPHY, JR.
LEONARD R. SVENSSON (Reg. No. 30,330) (Reg. No. 28,977)
TERRY L. CLARK (Reg. No. 32,644)

Send Correspondence to: BIRCH, STEWART, KOLASCH AND BIRCH
8110 Gatehouse Road
Suite 500 East
P.O. Box 747
Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000

00220 12662260

